

TRUSTED SINCE 1926

**BONIDE®**

**DuraTurf™**

# CRABGRASS **PLUS**

## CRABGRASS & BROADLEAF WEED KILLER

*Kills two types of weeds with one product*  
*Covers 5,000 sq. ft.*

**Dual action- Prevents and kills crabgrass  
and listed broadleaf weeds**

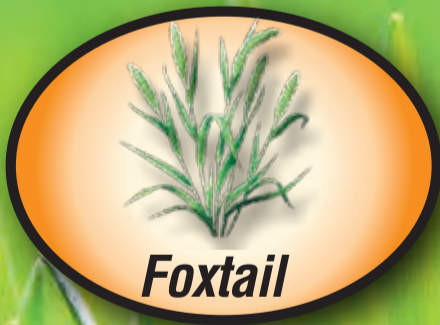
**kills &  
prevents  
tough  
weeds**

**Treats northern & southern grasses**

**Kills the weeds not the lawn**



**Poa Annua**



**Foxtail**

**Green, Yellow  
and Giant**



**Crabgrass**

**Smooth, Southern  
and Large**



**Goosegrass**

**Crowfootgrass**



**Barnyardgrass**

# **Tough weed killer**

**Keep Out Of Reach Of Children**

**CAUTION** (See back panel for additional Precautionary  
Statements and First Aid)

**ACTIVE INGREDIENTS:**

2, 4-D.....0.675%  
Dicamba.....0.060%  
Dithiopyr.....0.121%  
Quinclorac.....0.346%  
OTHER INGREDIENTS:.....98.798%  
TOTAL.....100.000%  
EPA Est. No. 32802-MO-1(B), 59144-GA-1(A), 37351-CO-1(C),  
8378-IN-1(D), 9404-FL-1(E), 35497-OR-1(H), 49991-TX-1(Q),  
35512-FL-2(K), 4-NY-1 Letter in parenthesis is first letter of  
lot number.  
EPA Reg. No. 2217-973-4

**THIS PRODUCT CONTAINS:**

13.50 lb 2,4-dichlorophenoxyacetic acid equivalent per ton (CAS1928-43-4)  
1.20 lb 3,6-dichloro-o-anisic acid equivalent per ton (CAS 1918-00-9)  
2.42 lb dithiopyr per ton (CAS 97886-45-8)  
6.92 lb quinclorac per ton (CAS 84087-01-4)  
Isomer Specific By AOAC Methods



## CRABGRASS & BROADLEAF WEED KILLER

STOP! READ THE ENTIRE LABEL FIRST.

OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#### 1. Precautions and Restrictions:

- Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until dusts have settled.
- Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed or for research purposes.
- This product is not sold, distributed, or registered within the state of New York. Do not use in the state of New York.**

#### Product Description

This Product is formulated to control most annual grasses and broadleaf weeds commonly found in home lawns. The product contains four different herbicides.

- The four herbicides combine to kill many different kinds of weeds at different stages of development.
- Grass weeds: Preemergent control of crabgrass, foxtails, and other annual grass weeds. Postemergent control of crabgrass.
- Broadleaf weeds: Preemergent control of chickweed, henbit, knotweed, shepherdspurge, spurge, woodsorrel, and other broadleaf weeds. Postemergent control of over 250 broadleaf weeds including dandelion, chickweed, thistle and clover.

#### 2. Where To Use

**This Product may be used on the following established turf species:**

**Established Cool Season Turfgrass:** Kentucky bluegrass, rough bluegrass (*Poa trivialis*), perennial ryegrass, fine fescues, tall fescue, seashore paspalum

**Established Warm Season Turfgrass:** Bermudagrass, buffalograss, zoysiagrass

**This Product may NOT be used on:** annual bluegrass (*Poa annua*), bahiagrass, bentgrass, carpetgrass, centipedegrass, dichondra, St. Augustinegrass. Do not use this product on turfgrass where desirable clovers are present.

**Guidelines to follow:** The use of this product on lawns and ornamental turfgrasses that are not well established, or have been weakened by stress due to mechanical operations, chemical injury, disease, insects, pests, excessive temperatures, or lack of moisture may increase the chances for turfgrass injury. Allow turfgrass weakened by these stresses to recover before application of this product.

WEEDS CONTROLLED		
When applied as directed, this product will control and/or suppress* the following weeds:		
<b>Annual Grass Weeds:</b>		
Annual bluegrass ( <i>Poa annua</i> )	Barnyardgrass*	Foxtail (green, yellow, giant)
Annual ryegrass	Crabgrass (smooth, southern, large)	Goosegrass* (crowfootgrass)

#### Broadleaf weeds: Controls 253 weeds!

Amaranth, purple	Cupid shaving brush	Mustard, black	Speedwell, common
Amaranth, slender	Cudweed	Mustard, blue	Speedwell, corn
Aster, heath	Daisy, English	Mustard, hedge	Speedwell, ivyleaf
Aster, white heath	Daisy, oxeye	Mustard, indian	Speedwell, persian
Aster, purple	Dandelion, common	Mustard, tansy	Speedwell, purslane
Aster, white prairie	Dandelion, false	Mustard, tumble	Speedwell, slender
Artichoke	Day flower	Mustard, white	Speedwell, snow
Austrian fieldcress	Deadnettle	Mustard, wormseed	Speedwell, thymeleaf
Bedstraw, Catchweed	Dichondra	Nettle, stinging (burning)	Spiny amaranth
Bedstraw, Northern	Dock, broadleaf	Nettle, tall	Spurge, spotted
Bedstraw, smooth	Dock, curly	Nettle, wood	Spurge, prostrate
Bedstraw, pineywoods	Dogbane	Parsley-piert	Spurweed
Beggarticks, hairy	Elderberry	Parsnip	Star of Bethlehem
Betony, Florida	Dollarweed (Pennywort)	Pearlwort	Strawberry, India mock
Bindweed, Field	Dove weed	Pennycress (frenchweed)	Tansy ragwort
Bindweed, Hedge	Elderberry	Mugwort	Tanweed
Bitter Wintercress	Falseflax	Pepperweed, perennial	Thistle, blessed
Bittercress, hairy	False sunflower	Pepperweed, virginia (Peppergrass)	Thistle, bull
Bitterweed	Fiddleneck	Pigweed, prostrate	Thistle, canada
Black-eyed Susan	Filaree, redstem	Pigweed, redroot	Thistle, flodman (prairie)
Black Medic	Filaree, whitestem	Pigweed, russian	Thistle, musk
Blood flower milkweed	Fleabane, daisy (annual)	Pigweed, smooth	Thistle, platte
Blue lettuce	Fleabane, rough	Pigweed, tumble	Thistle, plumeless
Brassbuttons	Galinsoga, hairy	Pineapple weed	Thistle, russian
Bristly oxtongue	Galinsoga, smallflower	Plains coreopsis (tickseed)	Thistle, scotch
Broomweed	Goldenrod	Plantain, blackseed	Thistle, wavyleaf
Buckhorn	Ground ivy	Plantain, bracted	Thistle, yellow (horrible)
Bullnettle	Groundsel	Plantain, broadleaf	Trailing crownvetch
Burclover	Gumweed	Plantain, buckhorn	Velvetleaf
Burdock	Hairy fleabane	Plantain, hoary	Vervain, blue
Burweed, lawn (spurweed)	Hawkweed, meadow	Plantain, narrowleaf	Vervain, hoary
Buttercup, bulbous	Hawkweed, mouseear	Plantain, slender	Vervain, prostrate
Buttercup, creeping	Hawkweed, orange	Plantain, woolly	Vervain, tall
Buttonweed, common (poorjoe)	Hawkweed, yellow	Poison ivy	Vetch, bird
Buttonweed, virginia	Healall	Poison oak	Vetch, hairy
Carolina geranium (wild)	Heartleaf drymary	Pokeweed	Vetch, milk
Carpetweed	Hemp	Prairie Sunflower	Vetch, narrowleaf
Catnip	Henbit	Prickly lettuce (compass plant)	Vetch, wild
Catsear, spotted (false dandelion)	Hoary cress	Prickly sida	Virginia creeper
Chamber bitter	Horsenettle	Prostrate knotweed	Western clematis
Chickweed, common	Horseweed	Puncturevine	Western salsify
Chickweed, mouseear	Johnny-Jumpup violet	Purslane, common	Wild aster
Chickweed, sticky	Knawel	Pusley, brazil	Wild buckweat
Chicory	Knotweed, prostrate	Pusley, florida	Wild carrot
Cinquefoil	Kochia	Pusley, large flower	Wild four-o-clock
Clover, crimson	Lambsquarters	Ragweed, bur	Wild garlic
Clover, alyce	Lespedeza	Ragweed, common	Wild lettuce
Clover, hop	Mallow, alkali	Ragweed, lancelaf	Wild marigold
Clover, rabbit foot	Mallow, bristly	Ragweed, western	Wild mustard (yellow rocket)
Clover, red	Mallow, common	Redstem filaree	Wild onion
Clover, strawberry	Mallow, dwarf	Rough cinquefoil	Wild parsnip
Clover, yellow sweet	Mallow, venice	Scarlet pimpernel	Wild radish
Clover, white sweet	Marcela	Shepardspurge	Wild rape
Clover, white	Matchweed	Smartweed, ladysthumb	Wild strawberry
Cockle	Mexicanweed	Smartweed, pale	Wild sweet potato
Cocklebur	Moneywort	Smartweed, pennsylvania	Wild violet
Cocklebur, oriental	Morningglory, bigroot	Smooth chaff-flower	Woodsorrel, creeping
Cocklebur, spiny	Morningglory, ivyleaf	Smoothdock	Woodsorrel, violet
Common mullein	Morningglory, mexican	Sorrel, red (sheep)	Woodsorrel, yellow (Oxalis)
Corn Spurry	Morningglory, red	Sowthistle, annual	Woolly croton
Creeping Beggarweed	Morningglory, tall	Sowthistle, spiny	Wormseed
Creeping Jenny (creeping charlie)	Morningglory, woolly	Spanish needles	Yarrow, common
	Mustard, ball	Speedwell, bi-lobed	Yarrow, western
			Yarrow, yellow

\*for acceptable control of barnyardgrass and goosegrass, two applications made at a 6 to 10 week interval are needed

#### 3. When To Apply:

This product may be applied as a single application or as split applications in the spring, early summer, or fall.

**For annual grasses such as crabgrass (smooth, southern and large) and foxtail (green, yellow, and giant):** Apply in the spring and early summer. For best results, apply this product from 2 weeks before weed germination until the weed is 4 inches tall. For dense populations, make a second application no sooner than 30 days after the first application.

**For broadleaf weed control:** Spring applications: for Dandelion, white clover, Broadleaf plantain, Woodsorrel. Fall applications: for common chickweed, Oxalis, Henbit. For best results, apply when broadleaf weeds are young and actively growing with adequate soil moisture and favorable temperatures (50° to 80°F).

#### 4. How To Apply

- This product needs to stick to the leaves of broadleaf weeds and should be applied when the grass is wet from dew or rain.
- Poor results will occur if applied to dry lawns. When dry conditions exist, irrigate or water the turfgrass 24 hours before application.
- For best results, irrigate after the application. However do not irrigate or water sooner than 24 hours after application.
- Apply this product when the wind is calm.
- Do not spread granules onto flowers, vegetables, and ornamental shrubbery.
- Turf species listed on this label can be seeded, sodded, sprigged, or plugged into the treated areas 4 weeks after the application of this product.
- When treating newly planted areas, wait approximately 6 weeks after seedling emergence before applying this product.
- Delay mowing 2 days before and until 3 days after the application of this product. Additional stress from low mowing heights may increase the possibility of turf injury.
- Clippings from the first three mowings should be left on the treated area. Do not use clippings from the treated areas as mulch or compost around flowers, ornamentals, trees, or in vegetable gardens.

#### 5. How Much To Use

Use a drop or rotary spreader designed to apply granular herbicides. Avoid skips or excessive overlaps as poor weed control or turfgrass injury may result.

Apply 2.4 pounds of product per 1,000 sq. ft. per application to established turfgrass. The maximum broadcast application rate is 2.4 pounds of product per 1,000 sq. ft. per application. The maximum number of broadcast applications is limited to 2 per year with a minimum of 30 days between applications. The maximum annual (seasonal) rate is 4.8 pounds of product per 1,000 sq. ft.

SUGGESTED SPREADER SETTINGS			
<b>Drop Spreader</b>		<b>Rotary Spreaders</b>	
<b>Scotts AccuGreen</b>	5	<b>Scotts Deluxe</b>	4
<b>Republic EZ #530</b>	4	<b>Republic EZ #540</b>	3
<b>Sears Drop</b>	5	<b>Earthway</b>	8
		<b>Sears Rotary</b>	4

The above spreader settings are approximate. The age and condition of spreader, speed of operation and evenness of terrain may require slightly different settings for desired coverage.

### CALIBRATION INSTRUCTIONS

- For 2.4 pounds of product per 1,000 square feet of turfgrass: Check your spreader on 420 square feet and adjust to apply at the rate of 1 pound of product per 420 square feet.

STORAGE AND DISPOSAL	
Do not contaminate water, food, or feed by storage and disposal.	
<b>PESTICIDE STORAGE:</b> Keep in original container in a cool, dry area, away from extreme heat and cold.	
<b>PESTICIDE DISPOSAL AND CONTAINER HANDLING:</b> Nonrefillable container. Do not reuse or refill this bag. Completely empty bag into application equipment. <b>If empty:</b> Place bag in trash or offer empty bag for recycling if available. <b>If partly filled:</b> Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.	

FIRST AID	
<b>If in eyes:</b>	<ul style="list-style-type: none"><li>Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.</li><li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"><li>Call a poison control center or doctor immediately for treatment advice.</li><li>Have person sip a glass of water if able to swallow.</li><li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>Do not give anything by mouth to an unconscious person.</li></ul>
<b>If on skin or on clothing:</b>	<ul style="list-style-type: none"><li>Take off contaminated clothing.</li><li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information in case of emergency, call toll free 1-800-858-7378.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS
<b>CAUTION</b> - Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear long-sleeved shirt and long pants, shoes plus socks and gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.
These chemicals (2,4-D and dicamba) have properties and characteristics associated with chemicals detected in groundwater. The use of these chemicals in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

LIMITED WARRANTY AND DISCLAIMER
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